## **Amendments to the Drawings:**

The three attached sheets of drawings that include changes to Figs. 1, 6, 7, and 8, replace the original sheets that included Figs. 1, 6. 7, and 8.

## Attachments:

Replacement Sheets 1, 4, and 5, annotated sheets showing changes Replacement Sheets 1, 4, and 5, clean versions

## Remarks/Arguments:

Claims 21-22 and 24-31, as amended, are presented for consideration.

The Examiner objects to claim 4 because of asserted informalities, and rejects claims 1 and 4-10 under the doctrine of double patenting. Claims 1 and 4-10 are canceled herein.

The Examiner objects to certain inconsistencies between the specification and the drawings, noting that the reference numeral 25, CA, 11", 21" and PS are present in the drawings but are not defined in the specification, and that reference numerals CA', CA" and 86 are mentioned in the specification but are not shown in the drawings.

Proposed amendments to Figures 6, 7 and 8 are presented here to change CA to CA' (Figure 6), change CA to CA' (Figure 7), and add reference numeral 86 to Figure 8.

The reference number 25 in Figures 1, 6 and 7 refers to a vacuum pump for a target chamber 23. The reference numeral CA which should, but does not, appear in Figure 1, refers to a central axis of an aperture or channel 19 between a precursor chamber 15 and a target chamber 23 and is discussed at page 6, line 17. The reference numeral 11', shown in Figure 6, refers to the system or apparatus shown in Figure 6. The reference numeral 11", shown in Figure 7, refers to the system or apparatus shown in Figure 7. The reference PS, shown in Figure 8, refers to a production site in a precursor chamber 85 and is discussed at page 10, line 23, and at page 11, line 5. A proposed amendment to Figure 1 is presented that adds reference numeral CA. The specification is amended at page 4, line 5, and at page 8, lines 17 and 28. The Applicants believe that, with these proposed amendments implemented, the inconsistencies between drawings and specifications are resolved.

The Examiner indicates that claims 21-22 and 24-31 are allowed. Claims 21 and 24 are amended to clarify the language and to place the claims 21-22 and 24-31 in better form for allowance.

The Applicants request that the Examiner pass the Application, including claims 21-22 and 24-31, as amended, to issue as a U.S. patent.

Respectfully submitted,

/john schipper/ John F. Schipper Attorney for Applicant Reg. No. 26,994

08 July 2008

Date

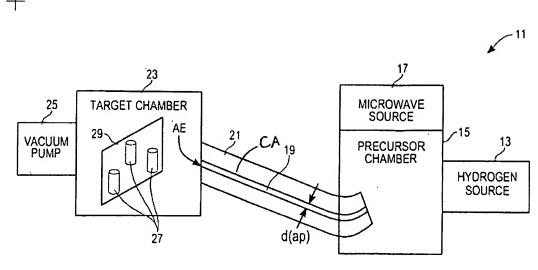


Fig. 1

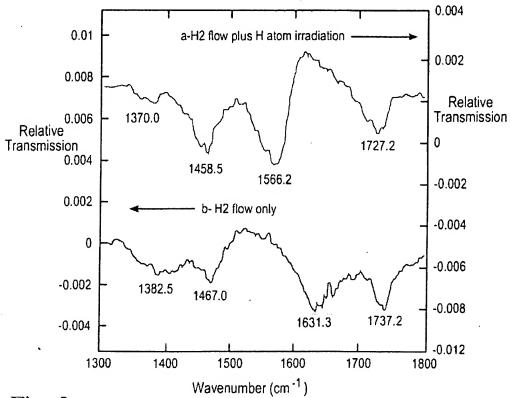


Fig. 2

Replacement Drawing
Annotated Sheet 4 of 7
Patent App. SN 10/828,524
Title: Functionalization Of Carbon Nanotubes
Inventors: Bishun N, Khare & Meyya Meyyappan
NASA Case No. ARC-14661-2
NASA POC: Vickie Kent (650) 604-0887



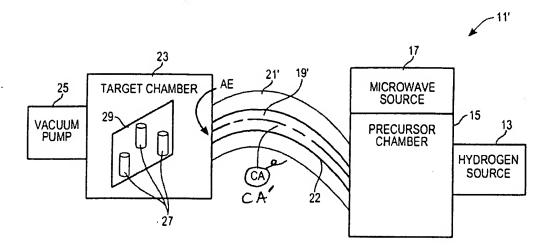


Fig. 6

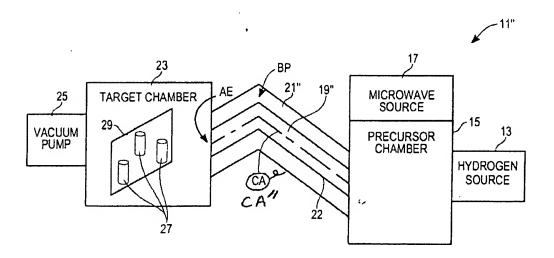
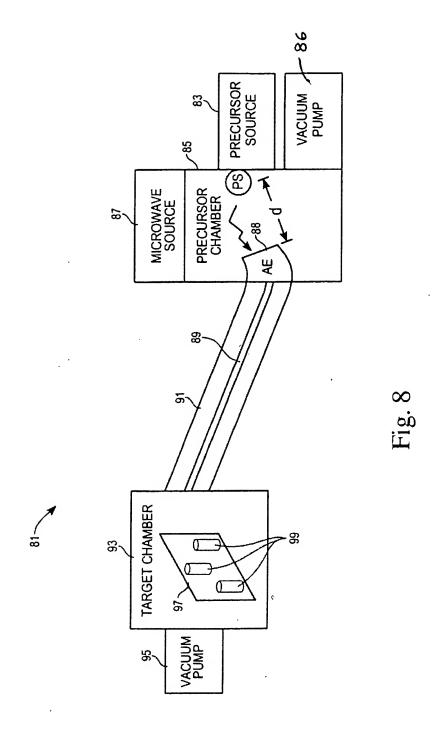


Fig. 7

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